

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeINFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)Atty. Docket No.  
44012-ABSerial No.  
Not Yet KnownApplicant  
Eric A. SchonFiling Date  
Herewith

Group

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
✓	5 9 7 1 1 2 4	15 Jun 99	Kumar			PTO 06/02
	5 8 7 1 9 2 1	16 Feb 99	Landergen et al.			US 6485/02
	5 8 6 6 3 3 7	2 Feb 99	Schon			US 6806/02
✓	5 7 9 5 7 1 4	18 Aug 98	Cantor et al.			US 10/06/98
✓	5 6 5 6 4 6 2	12 Apr 97	Keller et al.			US 02/02

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
✓	WO 92 17484	26 Mar 92	PCT				
✓	WO 95 22623	24 Sep 95	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	Blanks, R. and McLaughlin, L.W. (1988) An oligodeoxynucleotide affinity column for the isolation of sequence specific DNA binding proteins.  Nuc. Acids Res. 16(21):10283-10299;
	Boland, C.R., et al., Microallelotyping defines the sequence and tempo of allelic losses at tumor suppressor gene loci during colorectal cancer progression,  Nature Medicine, 1(9):902-909, 09/1995;
✓	Eldadah, Z. A., et al., Marfan syndrome as a paradigm for transcript-targeted preimplantation diagnosis of heterozygous mutations,  Nature Medicine, 1(8):798-803, 08/1995;

EXAMINER

DATE CONSIDERED

4/15/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:  
 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. 44012-AB	Serial No. Not Yet Known
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)						Applicant Eric A. Schon	PRO U 086499 10/28/96
						Filing Date Herewith	Group 02
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
✓		5 5 0 6 2 1 2	9 Apr 96	Hoke et al.			
✓		4 9 5 9 3 1 2	25 Sep 90	Sirotkin			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes      No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
✓		Gingeras, T.R., Kwoh, D.Y. and Davis, G.R. (1987) Hybridization properties of immobilized nucleic acids.					
		Nuc. Acids Res. 15(13) :5373-5390;					
✓		Goto, Y., Nonaka, I. and Horai, S. (1990) A mutation in the tRNA <sup>Leu(UUR)</sup> gene associated with the MELAS subgroup of mitochondrial encephalomyopathies.					
		Nature 348:651-653;					
✓		Khudyakov, Y.E., Gaur, L., Singh, J., Patel, P. and Fields, H.A. (April 1994) Primer specific solid-phase detection of PCR products.					
		Nuc. Acids Res. 22(7) :1320-1321;					
EXAMINER		DATE CONSIDERED		4/15/05			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.							

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeINFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

Atty. Docket No. 44012-AB	Serial No. Not Yet Known
Applicant Eric A. Schon	
Filing Date Herewith	Group 2 6/10/92 10/02/92 11

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Applicable

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	Kohsaka, H., Taniguchi, A., Richman, D.D. and Carson, D.A. (1993) Microtiter format gene quantification by covalent capture of competitive PCR products: application to HIV-1 detection.  Nuc. Acids Res. 21(15):3469-3472;
	Langer et al, (1981) "Enzymatic synthesis of biotin-labeled polynucleotides: Novel nucleic acid affinity probes",  Proc. Natl. Acad. Sci. 78(11):6633-6637;
✓	Lee, L.G., Connell, C.R. and Bloch, W. (1993) Allelic discrimination by nick-translation PCR with fluorogenic probes.  Nuc. Acids Res. 21(16):3761-3766;
EXAMINER	DATE CONSIDERED
	4/5/92

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeINFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

Atty. Docket No. 44012-AB	Serial No. Not Yet Known
Applicant Eric A. Schon	
Filing Date Herewith	Group 04496 000002

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation
						Yes      No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	Maskos, U. and Southern, E.M. (1993) A novel method for the parallel analysis of multiple mutations in multiple samples. Nuc. Acids Res. 21(9):2269-2270;
	Matthews, (1988), Analytical Strategies for use of DNA probes, Anal.
✓	Biochem. 169: 1-25;
	Miller, A. D., Human gene therapy comes of age, Nature, 357:455-460, 06/1992;

EXAMINER

*✓*

DATE CONSIDERED

*11/15/95*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:  
Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.

Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeINFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)Atty. Docket No.  
44012-ABSerial No.  
Not Yet Known

Applicant

Eric A. Schon

Filing Date  
HerewithGroup  
02/28/02  
6485

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

V	Miller, Jo, DNA damage, p53 and anticancer therapies,
	Nature Medicine, 1(9):879-880, 09/1995;
	Nikiforov, T.T., Rendle, R.B., Goelet, P., Rogers, Y., Kotewicz, M.L., Anderson, S., Trainor, G.L. and Knapp, M.R. (September 1994) Genetic Bit Analysis: a solid phase method for typing single nucleotide polymorphisms.
	Nuc. Acids Res. 22(20):4167-4175;
V	Nilsson, M., Malmgren, H., Samiotaki, M., Kwiatkowski, M., Chowdhary, B.P. and Landegren, U. (September 1994) Padlock Probes: Circularizing Oligonucleotides for Localized DNA Detection.
	Science 265:2085-2088;

EXAMINER

DATE CONSIDERED

9/1/95

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:  
Draw line through citation if not in conformance and not considered. Include copy of this form with next  
communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. 44012-AB		Serial No. Not Yet Known	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)					Applicant Eric A. Schon			
					Filing Date Herewith		Group	
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
							S 08/64 15/04 11/28	
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
N		Offit, K., Rearrangement of the bcl-6 gene as a prognostic marker in diffuse large-cell lymphoma,						
		The New England Journal of Medicine, 331(2):74-75 07/1994;						
J		Peffer, N.J., Hanvey, J.C., Bisi, J.E., Thomson, S.A., Hassman, C.F., Noble, S.A. and Babiss, L.E. (1993) Strand-invasion of duplex DNA by peptide nucleic acid oligomers.						
		Proc. Natl. Acad. Sci. U.S.A. 90:10648-10652;						
N		Rabbitts, T.H., Chromosomal translocations in human cancer,						
		Nature, 372:143-149, 11/1994;						
EXAMINER		DATE CONSIDERED		4/11/08				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:      Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:  
Draw line through citation if not in conformance and not considered. Include copy of this from with next  
communication to applicant.

•EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:  
Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. 44012-AB		Serial No. Not Yet Known	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)					Applicant Eric A. Schon			
					Filing Date Herewith		Group	
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
							10/08/98	03/28/02
							10/08/98	03/28/02
							10/08/98	03/28/02
							10/08/98	03/28/02
							10/08/98	03/28/02
							10/08/98	03/28/02
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
M	Targan, S. R. and Murphy, L. K., Clarifying the causes of Crohn's,							
	<u>Nature Medicine</u> , 1(12):1241-1243, 12/1995;							
W	Wasco, W. et al., Familial Alzheimer's chromosome 14 mutations,							
	<u>Nature Medicine</u> , 1(9):848, 09/1995;							
V	Welcher et al. (1986), "selective enrichment of specific DNA, cDNA, and RNA sequences using biotinylated probes, avidin and copper chelate agarose",							
	<u>Nucleic Acids Research</u> 14(24):10027-10044;							
EXAMINER		DATE CONSIDERED		11/11/98				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:      Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609:  
Draw line through citation if not in conformance and not considered. Include copy of this from with next  
communication to applicant.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office			Atty. Docket No. 44012-AB		Serial No. Not Yet Known	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)					Applicant Eric A. Schon			
					Filing Date Herewith		Group	
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
							10/29/99	10/29/99
							10/29/99	10/29/99
							10/29/99	10/29/99
							10/29/99	10/29/99
							10/29/99	10/29/99
<b>FOREIGN PATENT DOCUMENTS</b>								
	Document Number	Date	Country	Class	Subclass	Translation		
						Yes      No		
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
N	Wittung, P., Nielsen, P.E., Buchardt, O., Egholm, M. and Norden, B. (April 1994) DNA-like double helix formed by peptide nucleic acid.							
	Nature 368:561-563;							
W	Wu D.Y. and Wallace, R.B. (1989) Specificity of the nick-closing activity of bacteriophage T4 DNA ligase.							
	Gene 76:245-254;							
Z	Zhou, H., Fisher, R.J. and Papas, T.S. (1993) Universal immuno-PCR for ultra-sensitive target protein detection.							
	Nuc. Acids Res. 21:6038-6039.							
EXAMINER	<i>[Signature]</i>		DATE CONSIDERED	10/29/99				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								